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**REGISTERED PATENT AGENTS

PTO

J-525 U.S. PTO
09/5534721
04/26/00

April 26, 2000

WRITER'S DIRECT NUMBER:
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INTERNET ADDRESS:
KVIDOVIC@SKGF.COM

Commissioner for Patents
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Continuation Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. To be assigned; Filed: Herewith
For: **Mutant DNA Polymerases and Uses Thereof**
Inventor: Chatterjee, D. K.
Our Ref: 0942.3600003/RWE/RCM

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. USPTO Utility Patent Application Transmittal Form PTO/SB/05;
2. U.S. Utility Patent Application entitled:

Mutant DNA Polymerases and Uses Thereof and naming as inventor(s):

Deb K. Chatterjee

the application consisting of:

- a. A specification containing:

Commissioner for Patents
April 26, 2000
Page 2

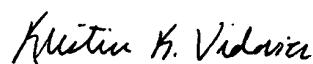
- i. 30 pages of description prior to the claims;
- ii. 5 pages of claims (28 claims);
- iii. a one (1) page abstract;
- iv. 19 pages of a paper copy of the sequence listing;
- b. 9 sheets of drawings: (Figures 1-4, 5A, 5B, and 6-7);
3. Copy of original Declaration executed by the inventor;
4. Fee Transmittal Form (*in duplicate*);
5. Our check no. 27359 in the amount of \$690.00 to cover the basic filing fee;
6. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*); and
7. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This patent application is being submitted under 37 C.F.R. § 1.53(b).

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Kristin K. Vidovich
Attorney for Applicant
Registration No. 41,448

RWE/KKV:amm
Enclosures

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SKGF Rev. 4/5/00 mac

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	0942.360003/RWE/RCM
First Inventor or Application Identifier	Deb K. CHATERJEE
Title	Mutant DNA Polymerases and Uses Thereof
Express Mail Label No.	

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Specification [Total Pages 55]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
4. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))
9. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)
10. English Translation Document (if applicable)
11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503) (2)
(Should be specifically itemized)
14. *Small Entity Statement(s) Statement filed in prior application, Status still proper and desired
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Other: 37 C.F.R. § 1.136(a)(3) Authorization
 Other:

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-Part (CIP) of prior application No: 08/576,759

Prior application information: Examiner Wax, R. Group/Art Unit: 1652

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. Attorneys at Law			
ADDRESS	Suite 600, 1100 New York Avenue, N.W.			
CITY	Washington	STATE	DC	ZIP CODE
COUNTRY	USA	TELEPHONE	(202) 371-2600	FAX

NAME (Print/Type)	Kristin K. Vidovich	Registration No. (Attorney/Agent)	41,448
SIGNATURE	<u>Kristin K. Vidovich</u> Date <u>Apr 126, 2000</u>		

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

jc525 U.S. PRO
09/558421
04/26/00



In re application of:
Chatterjee, D. K.
Appl. No. To be assigned
Filed: Herewith
For: **Mutant DNA Polymerases and
Uses Thereof**

Art Unit: To be assigned
Examiner: To be assigned
Atty. Docket: 0942.3600003/RWE/RCM

**Authorization To Treat A Reply As Incorporating An Extension Of Time
Under 37 C.F.R. § 1.136(a)(3)**

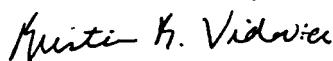
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Kristin K. Vidovich
Attorney for Applicant
Registration No. 41,448

Date: April 26, 2000

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Washington, D.C. 20005-3934
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FEE TRANSMITTAL

for FY 2000

*Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.*

TOTAL AMOUNT OF PAYMENT

(\$690.00)

Complete if Known

Application Number	To be assigned
Filing Date	Herewith
First Named Inventor	Chatterjee, D. K.
Examiner Name	To be assigned
Group / Art Unit	To be assigned
Attorney Docket Number	0942.3600003/RWE/RCM

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number	19-0036
Deposit Account Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. Payment Enclosed: Check Money Order Other*
*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

FEE CALCULATION**1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	690.00
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	690	208	334	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$ 690.00)					

2. EXTRA CLAIM FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
Total Claims	- 20**	=	X	=	
Indep. Claims	- 3**	=	X	=	
Multiple Dependent				=	
** or number previously paid, if greater; For Reissues, see below					
Large Fee Code Entity Fee (\$)					
103	18	203	9	Claims in excess of 20	
102	78	202	39	Independent claims in excess of 3	
104	260	204	130	Multiple dependent claim	
108	78	209	39	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$ 690.00)					

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) :					
Other fee (specify) :					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$ 0.00)					

SUBMITTED BY

Typed or Printed Name	Kristin K. Vidovich			Complete (if applicable)
Signature	<i>Kristin K. Vidovich</i>	Date	Apr 126, 2000	Reg. Number 41,448
				Deposit Acct. User ID

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